

PATENTS MIC-44

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicants : Adrian J. Drexler et al.

Application No. : 10/840,015 Confirmation No. : 9647

Filed : May 5, 2004

FOR : CLOCK CAPTURE IN CLOCK SYNCHRONIZATION

CIRCUITRY

Group Art Unit : 2631

Examiner : Not Yet Assigned

New York, New York 10020 June 1, 2005

Mail Stop AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

TRANSMITTAL LETTER FOR INFORMATION DISCLOSURE STATEMENT

Sir:

Transmitted herewith is an Information Disclosure
Statement in the above-identified patent application. This
Statement is submitted:

- [] within three months of the application filing date;
- [X] more than three months from the application filing date but before the mailing date of the first Office Action on the merits.

In accordance with 37 C.F.R. § 1.97, submission of this Statement requires no fee. However, if for any reason a fee is due, the Director is hereby authorized to charge payment of any fees required in connection with this Information Disclosure Statement to Deposit Account No. 06-1075, Order No. 002322.0044. A duplicate copy of this letter is transmitted herewith.

Respectfully submitted,

Michael J. Chasan

Registration No. 54,026

Agent for Applicants

FISH & NEAVE IP GROUP

ROPES & GRAY LLP

Customer No. 1473

1251 Avenue of the Americas

New York, New York 10020-1105

Tel.: (212) 596-9000

Fax: (212) 596-9090

I hereby certify that this Correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope Addressed to: Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450 on

Signature of Person Signing

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE ATEMENT BY APPLICANT

Applicant Number 10/840,015 **Filing Date** May 5, 2004 **First Named Inventor** Adrian J. Drexler et al. Art Unit 2631 Examiner Name Not Yet Assigned **Attorney Docket Number** MIC-44 **Confirmation Number** 9647

as many sheets as necessary)

Sheet 1	of	2

ENT & TRAU

U. S. PATENT DOCUMENT					
Examiner	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*		Number-Kind Code ^{2 (if known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		6,556,489 B2	04/29/03	Gomm et al.	
		6,586,979 B2	07/01/03	Gomm et al.	
		6,727,734 B2	04/27/04	Gomm	
		6,735,148 B2	05/11/04	Gomm	
		6,737,897 B2	05/18/04	Gomm et al.	
		6,759,883 B2	07/06/04	Gomm	
	4	6,774,687 B2	08/10/04	Gomm et al.	· ·
•		6,781,861 B2	08/24/04	Gomm et al.	
		6,803,826 B2	10/12/04	Gomm et al.	
		6,850,107 B2	02/01/05	Gomm	

U. S. PUBLISHED DOCUMENT					
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		2005/0062510 A1	03/24/05	Zarate et al.	

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION	DISCLOSURE
STATEMENT B	Y APPLICANT

Applicant Number 10/840,015 Filing Date May 5, 2004 **First Named Inventor** Adrian J. Drexler et al. Art Unit 2631 **Examiner Name** Not Yet Assigned **Attorney Docket Number** MIC-44 **Confirmation Number** 9647

(Use as many sheets as necessary)

Sheet 2 of 2

	NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹			
		Saeki et al., "A 2.5-ns Clock Access, 250-MHz, 256-Mb SDRAM with Synchronous Mirror Delay," IEEE Journal of Solid-State Circuits, Vol. 31, No. 11, pp. 1656-1668, (1996).		
		Shim et al., "An Analog Synchronous Mirror Delay for High-Speed DRAM Application," IEEE Journal of Solid-State Circuits, Vol. 34 No. 4, pp. 484-493, (1999).		
		Kim et al., "A Low-Jitter Mixed-Mode DLL for High-Speed DRAM Applications," IEEE Journal of Solid-State Circuits, Vol. 35 No. 10, pp. 1430-1436, (2000).		

Examiner	Date
Signature	Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.